

WHAT IS CLAIMED IS:

1. A method of driving a liquid crystal display device having a plurality of liquid crystal cells disposed in a matrix of rows and columns, the method comprising:

scanning the rows of liquid crystal cells in the liquid crystal display device sequentially; and

subsequently, resetting each liquid crystal cell of the liquid crystal display device simultaneously.

2. The method of claim 1, wherein resetting each liquid crystal cell of the liquid crystal display device simultaneously comprises applying a reset voltage to a common electrode of the liquid crystal display device.

3. The method of claim 1, wherein resetting each liquid crystal cell of the liquid crystal display device simultaneously comprises simultaneously applying a reset voltage to a gate electrode line of each liquid crystal cell.

4. A method of resetting a liquid crystal display device, wherein a reset voltage is applied to all liquid crystal cells of the liquid crystal display device to reset the liquid crystal display device.

5. The method as claimed in claim 4, wherein the reset voltage is applied to a common

electrode of the liquid crystal display device.

✓ 6. The method as claimed in claim 5, wherein the reset voltage applied to the common electrode is less than a common voltage applied to the common electrode in a data charging interval.

7. The method as claimed in claim 4, wherein the reset voltage is simultaneously applied to gate electrode lines of the liquid crystal display device.

8. The method as claimed in claim 7, wherein the reset voltage is a gate high voltage applied to the gate electrode lines.

9. A reset circuit for a liquid crystal display device, comprising:
voltage selecting means for selecting, in response to an input control signal, a normal common voltage to be applied to a common electrode of the liquid crystal display device in an interval when a data voltage is charged and maintained in all liquid crystal cells of the liquid crystal display, and for selecting, in response to the input control signal, a reset voltage less than the normal common voltage to be applied to the common electrode in a reset interval.

10. A reset circuit for a liquid crystal display device, comprising:
a voltage amplifier for amplifying an input control signal having a specific logical

state only in a reset interval when liquid crystal cells of the liquid crystal display device are reset, the amplified input control signal to be applied to a common electrode of the liquid crystal display device.

11. The reset circuit as claimed in claim 10, wherein the voltage amplifier outputs a normal common electrode voltage in an interval when a data voltage is charged and maintained in the liquid crystal cells, and outputs a reset voltage less than the normal common electrode voltage in the reset interval.

12. A reset circuit for a liquid crystal display device, comprising:
a shift register for generating sequential gate driving signals;
logical OR gates for performing a logical OR operation of an input reset signal and each gate driving signal from the shift register; and
level shifters connected individually to outputs of the logical OR gates to select and output a gate voltage in accordance with a logical state of a signal outputted from each of the logical OR gates.

✓ 13. The reset circuit as claimed in claim 12, wherein each of the level shifters applies a gate high voltage to a corresponding gate line when an output signal of the corresponding logical OR gate is in a logical high state, and applies a gate low voltage to the corresponding gate line when an output signal of the corresponding logical OR gate is in a logical low state.

14. The reset circuit as claimed in claim 12, wherein the reset circuit is included in a gate driving integrated circuit.

15. A liquid crystal display device, comprising:

a plurality of liquid crystal cells arranged in a matrix of rows and columns;

means for sequentially scanning the rows of liquid crystal cells; and

means for simultaneously resetting all of the liquid crystal cells.

16. The liquid crystal display device of claim 15, further comprising a common electrode, and wherein the means for simultaneously resetting all of the liquid crystal cells comprises means for applying a reset voltage level to the common electrode.

17. The liquid crystal display device of claim 15, further comprising a plurality of gate lines, each gate line being connected to a corresponding row of liquid crystal cells, wherein the means for simultaneously resetting all of the liquid crystal cells comprises means for simultaneously applying a reset voltage to each gate line.